



IAP4 Rec'd PCT/PTO 17 JAN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 05-739)

In the Application of:

Matthew James Thomas

Serial No.: 10/549,732 ✓

Filed: September 19, 2005

Title: Monitoring Electrical Muscular
Activity

Art Unit: Unknown

Examiner: Not Assigned

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL LETTER

In regard to the above identified application:

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- a. Information Disclosure Statement
- b. Copies of cited Non-U.S. Patent References
- c. Postcard

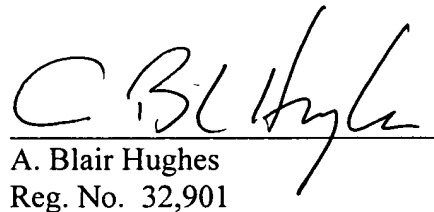
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By:


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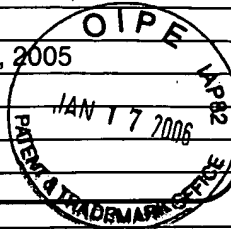
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/549,732
Filing Date	September 19, 2005
First Named Inventor	Thomas
Art Unit	Unknown
Examiner Name	Not Assigned
Attorney Docket Number	05-739

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,383,164	1-17-95	Sejnowski et al.	
		US- 5,483,970	1-16-96	Rosenberg	
		US- 5,706,402	1-6-98	Bell	
		US- 6,167,417	12-26-00	Parra et al.	
		US- 6,185,309	2-6-0	Attias	
		US- 6,346,887	2-12-02	Van Orden et al.	
		US- 6,424,960	7-23-02	Lee et al.	
		US- 6,524,960	2-25-03	Wensel	
		US- 6,544,170	4-8-03	Kajihara et al.	
		US- 6,799,170	9-28-04	Lee et al.	
		US- 2002/0136328	9-26-02	Shimizu	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 01/27874	4-19-01	Salk Institute		
		WO 02/088907	11-2-02	Salk Institute		
		WO 02/096288	12-5-02	Reproductive Health Tech.		
		WO 00/54650	9-21-00	Joh Hopkins University		
		EP 1 166 715	1-2-02	GE Marquette Medical Sys.		

Examiner Signature	Date Considered
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Filing Date September 19, 2005

First Named Inventor Thomas

Art Unit Unknown

Examiner Name Not Assigned

Attorney Docket Number 05-739

Sheet 2

of

2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		McKeown et al. "Phase and Tonic Coupling between EEG and EMG Demonstrated with Independent Component Analysis", Journal of Clinical Neurophysiology, pp. 45-57 (2001)	
		Azzerboni et al. "A New Approach to Detection of Muscle Activation by Independent Component Analysis and Wavelet Transform" Italian Workshop on Neural Nets, pp. 109-116 (2002)	
		Cichocki et al. "Blind Separation and Filtering Using State Space Models", IEEE, pp. V78-V81 (1999)	

Examiner Signature		Date Considered	
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